SPECIFICATIONS

Model	FinePix F100fd
Number of effective pixels※1	12 million pixels
CCD sensor	1/1.6-inch Super CCD HR
Storage media	Internal memory (approx. 57MB) / xD-Picture Card™ (16MB - 2GB) / SD memory card / SDHC memory card※2
File format	Still image: JPEG (Exif Ver 2.2※3) Movie: AVI (Motion JPEG) with sound / Audio: WAVE format, Monaural sound (Design rule for Camera File system compliant / DPOF-compatible)
Number of recorded pixels	Still image: 4,000×3,000 / 4,224×2,816 (3:2 format) / 2,848×2,136 / 2,048×1,536 / 1,600×1,200 / 640×480 pixels
Lens	Fujinon 5× Optical zoom lens, F3.3- F5.1
Lens focal length	f=6.4mm - 32mm, Equivalent to 28 - 140mm on a 35mm camera
Digital zoom	Approx. 8.2× (max)
Aperture	F3.3 • F9.0 (Wide) / F5.1 • F14.0 (Telephoto)
Focus distance	Normal: Wide Angle: Approx. 45cm / 1.5ft. to infinity Telephoto: Approx. 80cm / 2.6ft. to infinity Macro: Wide Angle: Approx. 10cm / 3.9in. to 80cm / 2.6ft. Telephoto: Approx. 50cm / 1.6ft. to 1.0m / 3.3ft.
Sensitivity	Auto / Auto(3200) / Auto(1600) / Auto(800) / Auto(400) Equivalent to ISO 100/200/400/800/1600/3200/6400/12800(Standard Output Sensitivity) *ISO12800, ISO6400: Number of recorded pixels: 3M pixels or lower
Exposure control	TTL 256-zones metering
Exposure mode	Programmed AE
Shooting modes	Auto, Natural Light, Natural Light & with Flash, M (Manual), Movie, Portrait, Portrait Enhancer, Landscape, Sport, Night, Fireworks, Sunset, Snow, Beach, Underwater, Museum, Party, Flower, Text
Image Stabilizer	CCD-shift type
Shutter speed	4 sec. to 1/1500 sec. (depends on Shooting mode)
Continuous shooting	1. Top-3 (max 1.7 frames/sec) High-speed Top-12 (max 5 frames/sec, 3M pixels or lower) 2. Final-3 (max 1.7 frames/sec) High Speed Final-12 (max 5 frames/sec, 3M pixels or lower) 3. Long-period
Focus	Auto focus (Multi,Center) / Continuous AF, AF assist illuminator available
White balance	Automatic scene recognition Preset (Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light), Custom
Self-timer	Approx. 10 sec. / 2 sec. delay
Flash	Auto flash Flash mode Red-eye removal OFF: Auto, Forced Flash, Suppressed Flash, Slow Synchro. Red-eye removal ON: Red-eye Reduction Auto, Red-eye Reduction & Forced Flash, Suppressed Flash, Red-eye Reduction & Slow Synchro.
LCD monitor	2.7 inches, approx. 230,000 dots, Amorphous silicon TFT color LCD monitor, approx. 100% coverage
Movie recording	640×480 pixels / 320×240 pixels (30 frames/sec.) with monaural sound *Zoom function cannot be used during movie recording.
Photography functions	Dynamic range (400% / 200% / 100%), Face Detection (with Red-eye removal), Performance, Best framing, Frame No. memory, manner mode
Ir Communication	Ir Simple™ / Ir SS™
Playback functions	Face Detection (with Red-eye removal), Slide show, Trimming, Single frame, Multi-frame playback including Microthumbnail mode, Sorting by date, Image rotate, Voice Memo
Video output	NTSC / PAL selectable
Digital Interface	USB 2.0 High-speed
Power supply	NP-50 Li-ion battery (included) / CP-50 with AC power adapter AC-5VX (sold separately)
Dimensions	97.7 (W) × 58.9 (H) × 23.4 (D) mm / 3.8 (W) × 2.3 (H) × 0.9 (D) in. (excluding accessories and attachments)
Weight	Approx. 170g / 6.0oz. (excluding accessories, batteries and memory card)

Number of images / recording time

Mode		Still image								Movie	
Number of recorded pixels		4,000×3,000		4224×2816 (3:2)	2,848×2,136		2,048×1,536	1,600×1,200	640×480	Movie recording time	
Quality		JPEG FINE	JPEG NORMAL	JPEG	JPEG FINE	JPEG NORMAL	JPEG	JPEG	JPEG	VGA (25fps)	QVGA (25fps)
Internal Memory (57MB)		11	19	19	18	37	70	88	386	59 sec.	2.0 min.
xD-Picture card	DPC-256 (256MB)	53	85	86	84	166	313	389	1597	4.5 min.	8.8 min.
	DPC-512 (512MB)	107	171	173	169	332	626	779	3194	9.0 min.	17.7 min.
	DPC-M1GB (1GB)	215	343	347	339	666	1253	1559	6396	17.9 min.	35.4 min.
	DPC-M2GB (2GB)	431	687	695	680	1332	2460	3046	12794	35.9 min.	70.8 min.
SD memory card	512MB	104	166	167	164	322	606	754	3093	8.7 min.	17.1 min.
	1GB	209	332	336	329	645	1214	1511	6196	17.4 min.	34.3 min.
	2GB	418	666	673	659	1291	2384	2952	12401	34.8 min.	68.6 min.
SDHC memory card	4GB	838	1334	1348	1319	2585	4772	5909	24819	69.6 min.※	137.3 min.※
	8GB	1682	2677	2706	2648	5187	9577	11858	49805	139.7 min.※	275.4 min.※

Actual number of frames and recording time varies depending on the types of Memory Card or shooting condition.
※A movie recording will stop automatically when the movie file size becomes approx. 2GB.

※1 : Number of effective pixels: The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.

※2 : Please see the Fujifilm website to check memory card compatibility.

※3 : Exif 2.2 is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

※4 : "CIPA DC-002-2003 'Standard Procedure for Measuring Digital Still Camera Battery Consumption' " (extract)Pictures shall be taken at a temperature of 23 C, with the LCD monitor turned on, the zoom moved from full wide-angle to full telephoto (or vice-versa) and back again to its original position every 30 seconds, the flash used at full power every second shot and the camera turned off and then on again once every 10 shots.

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COLOR VARIATIONS

Black

Dark Silver

OPTIONAL ACCESSORIES

Li-ion battery NP-50

xD-Picture Card™
DPC-M512 / DPC-M1GB / DPC-M2GB
Waterproof Case WP-FXF100
PC Card Adapter DPC-AD
CompactFlash™ Card Adapter DPC-CF
AC Power Adapter AC-5VX
Battery Charger BC-50
DC coupler CP-50

Accessory availability may vary by country.
Please check with your local Fujifilm representative to confirm product availability.

ACCESSORIES INCLUDED

- Li-ion battery NP-50
- Battery Charger BC-50
- Hand Strap
- USB cable for the FinePix F100fd
- A / V cable for the FinePix F100fd
- CD-ROM: FinePixViewer
- Owner's Manual

Guide to the number of available frames for battery operation

Battery	LCD monitor status	Number of frames
NP-50	LCD monitor ON	approx. 230 frames

The number of frames per charge will decrease in Quick AF / Clear Display mode.

According to the Camera & Imaging Products Association (CIPA) standards※4 : The battery (NP-50) is supplied with the camera.

Specifications are subject to change without notice.

For more information, please visit our Website:
http://www.fujifilm.com/products/digital_cameras/index.html

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FUJIFILM FINEPIX F100fd NEW

Integrated Innovation for Matchless Quality

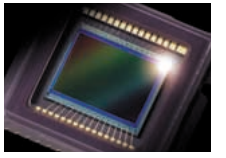
12M Super CCD | Wide Dynamic Range | Wide-Angle 28mm (35mm equivalent) | Face Detection 3.0

Real Photo Technology:
Capturing what your eye sees

FUJIFILM FinePix has led the way in every major advance in compact digital camera technology from the incredible color fidelity of our Super CCD to tapping the power of high sensitivity with the RP Processor and innovative functions like Face Detection. Now we introduce photo lovers to a new frontier of quality – Wide Dynamic Range. Real Photo Technology now brings you even closer to capturing beauty just as your eye sees it.

12 Megapixel SUPER CCD VIII NEW

The next generation SUPER CCD VIII realizes a major leap in performance. With 12 megapixels arranged in FUJIFILM's unique honeycomb pattern to maximize pixel count while enhancing both light collection and capture efficiency, the newly developed CCD sensor delivers high resolution and high sensitivity with minimal noise. It captures subjects in stunning detail and realizes unprecedented levels of tonal expression with extended dynamic range.



RP (REAL PHOTO) PROCESSOR III NEW

Incorporating a unique double noise reduction system, the newly developed RP Processor III accurately and thoroughly separates and eliminates the noise from the image signal for clear, sharp images with extremely low noise even at high sensitivity. Featuring advanced image processing technologies, this processor creates images with silky smooth tonal expression at high resolution and with extended dynamic range.

RP Processor III

Beyond Sensitivity to a New Dimension of Beauty - Wide Dynamic Range

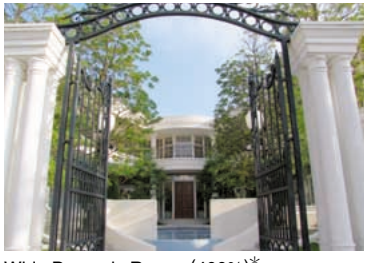
Wide Dynamic Range
for shots no other compact can duplicate

Dynamic range for digital cameras means the expression domain between the brightest and darkest areas. Fujifilm now takes you beyond ultra sensitivity and extends dynamic range for photos with more detail in both shadow and highlights. FinePix Wide Dynamic Range gives you the ability to explore extreme scenes and capture all the nuances of brightness and tonality. Skies and seas are expressed with a palette of vivid blues. Previously unseen details in the shadows emerge. It's time to get real with the FinePix F100fd.

Conventional digital camera (equivalent to Dynamic Range 100%)

Histogram of subject brightness
(Photo taken by a conventional digital camera)

The narrow expression range of conventional cameras washes out bright areas like the sky and white columns.


Wide Dynamic Range (400%)*
*At 400% Wide Dynamic Range, sensitivity is ISO400 or higher.

Histogram of subject brightness
(Photo taken by the F100fd)

With Wide Dynamic Range, F100fd can fully capture all the beautiful tonality in the bright areas.

28mm Wide Angle and 5x Optical Zoom

*35mm epuivalent

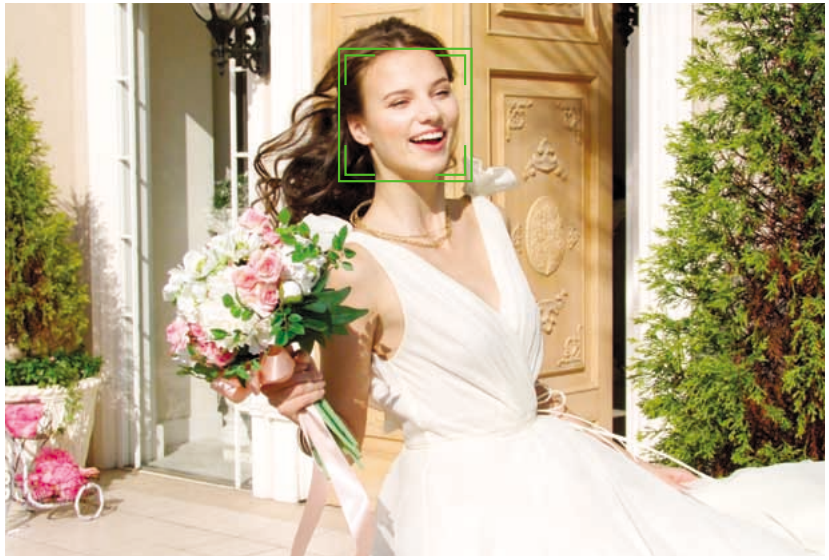
28mm Wide Angle to 140mm Zoom at your fingertips

Capture the breathtaking scale of landscapes. Get everybody in frame without stepping back. Add the dimension of perspective to your photos. The 28mm wide angle lets you capture more scenes in more situations with exceptional results. When you want to close the distance, smoothly zoom in on your subject with 5x optical long zoom for a clear sharp photo.

Wide angle

5x optical zoom

Newly Developed Faster Face Detection 3.0



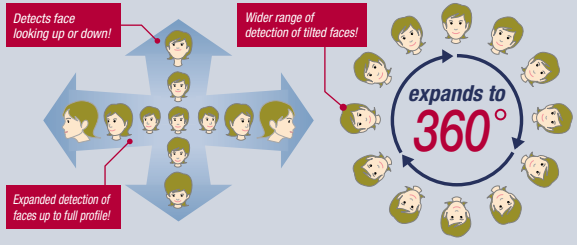
Faster with Expanded Detection Range for a Sure Shot

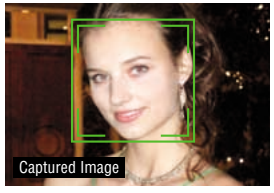
Faster so it can detect faces even in motion. Expanded detection range to find faces in full profile or even upside down. More powerful to find up to 10 faces almost instantly and optimize focus, brightness and even white balance. From posed portraits and group photos to spur-of-the-moment shots, every face comes out bright, beautiful and in focus.

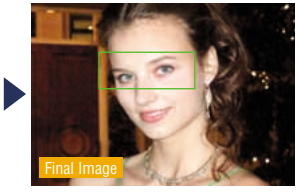
FAST! 0.036 sec.

Upside-down or full profile, extended 360° detection finds the faces!

It does not matter if the subject's face is tilted or even upside down, the expanded range of Face Detection 3.0 finds the face in an instant and optimizes focus and exposure for a perfect portrait.


Detects face looking up or down!
Wider range of detection of tilted faces!
expands to 360°
Expanded detection of faces up to full profile!





Instant "Red Eye" removal function

FAST!

Don't let red eyes ruin your best photos. Advanced image processing technology combined with Face Detection automatically and accurately corrects unsightly red eye as you shoot and in playback.

©Depending on the scene conditions, Face Detection performance may vary. ©Face Detection frames in photos of LCD screens in this brochure have been simulated.

Ultrahigh Sensitivity for Real Photo Beauty

Higher Sensitivity without Noise

Take non-flash photos in extremely low light. Freeze action with fast shutter speeds. Ultrahigh sensitivity combined with the next-generation of noise reduction captures the moment in beautiful photos like no other compact digital camera.

Ultrahigh Sensitivity ISO12800

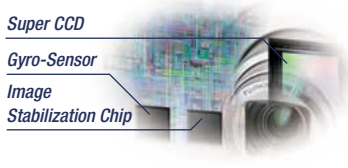
Exploiting the increased light collection performance of the new Super CCD and enhanced noise reduction, F100fd boasts top-of-the-range ultrahigh sensitivity of ISO12800.

∗ISO3200 at full 12MP resolution / ISO12800 at 3MP or lower

Dual IS (Image Stabilization)

High Sensitivity + CCD Shift Image Stabilization

Image blur is the number one cause of spoilt photos. F100fd features Dual Image Stabilization to beat blur and give you clear, sharp photos. High sensitivity freezes the motion of subjects while CCD Shift automatically compensates for camera shake.



The Gyro-Sensor detects movement that causes blur, and the Image Stabilization Chip calculates how much to shift the CCD to compensate for camera shake.

Additional Features for Your Pleasure

Easy-Select Shooting Modes

Just select the one that matches your scene with the new "Wheel Dial" and you are ready to shoot with optimized settings from shutter speed and exposure to white balance.

AUTO Auto	Natural Light & with Flash	Natural Light	M Manual	Movie
Portrait	Landscape	Sport	Night	Fireworks
Sunset	Snow	Beach	Underwater	OFF Museum
Party	Flower	TEXT Text	Portrait Enhancer	

Underwater
∗Requires waterproof case sold separately.

Night

2.7-inch 230,000 dots LCD

Large high-resolution display makes it easy to compose photos, confirm results in playback and read the intuitive menus.

Micro Thumbnail View

View and select up to 100 photos at a time in a 10 x 10 array of micro thumbnails. With the high resolution LCD, it is so easy to scan the micro images and find the photos you want to share with friends and family.

Hi-speed Playback

For most compacts, higher resolution means bigger files and a longer wait to play back each file. But not with F100fd! It can display full-resolution photos on the LCD at a speed of 10fps.

"Wheel Dial"

Take our new "wheel dial" interface for a spin. Navigating modes, positions and functions has never been easier or more intuitive. With each selection, a helpful explanation of the mode or position appears on the display.

IrSimple™ for Wireless Communication

Equipped with the latest high-speed infrared connectivity, F100fd lets you send photos to another IrSimple™ camera or device in seconds without the need for a cable or PC.

∗IrSimple™ trademark is owned by the Infrared Data Association®.

Elegant "Slim Arc" Styling

The elegant bowed design not only molds to your hand, but also attracts admiring looks every time you take the slim stylish form out of your pocket.

xD/SD Compatible Slot

The versatile card slot is compatible with ultracompact xD-Picture Cards and both standard and high-capacity Secure Digital (SD) memory cards.

xD-Picture Card™ SDHC™

© All sample photos are simulated images. ∗Comparison by Fujifilm